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Substitute for form 1449A/PTO   MAY 3 0 2002

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known	
Application Number	10/050,129
Filing Date	January 18, 2002
First Named Inventor	Michael J. GRAZIANO, et al.
Group Art Unit	~~2642~~ 2637
Examiner Name	~~Unassigned~~ Young Tse
Attorney Docket Number	56162.000337

Sheet	1	of	1

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No.[1]	U.S. Patent Document Number	Kind Code[2] (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
✓	U1	5,363,321		Dao Trong et al.	11/08/94	
	U2	5,524,089		Takano	06/04/96	
	U3	5,570,310		Smith	10/29/96	
	U4	5,600,581		Dworkin et al.	02/04/97	
	U5	5,604,691		Dworkin et al.	02/18/97	
	U6	5,642,305		Pan et al.	06/24/97	
	U7	5,703,801		Pan et al.	12/30/97	
	U8	5,909,384		Tal et al.	06/01/99	
	U9	5,940,312		Hansen	08/17/99	
✓	U10	5,941,939		Pan et al.	08/24/99	
	U11					
	U12					

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
✓	P1	Haykin, Simon, *Communication Systems 4th Edition*, Wiley, 2001, page 436	
	P2	Brigham, E. Oran, *The Fast Fourier Transform and its Applications*, Prentice Hall, 1988, pgs 191-193	
	P3	Embree, Paul M. and Kimbel, Bruce, *C Language Algorithms for Digital Signal Processing*, Prentice Hall, 1991, pgs 255-256 and 266 and 267	
	P4	Haykin, Simon, *Adaptive Filter Theory 3rd Edition*, Prentice Hall, 1996, pgs 393-404	
	P5	Proakis, John G., Manolakis, Dimitris G., *Digital Signal Processing: Principals, Algorithms and Applications 3rd Edition*, Prentice Hall, 1996, pgs 23-28	
	P6	ITU Standard G.991.2, "Single Pair High Speed Digital Subscriber Line (SHDSL) Transceivers", April 2001, pgs 1-191, Irvine, California	
	P7	ITU Standard G.994.1, "Handshake Procedures for Digital Subscriber Line (DSL) Transceivers", June 1999, pgs 1-46, Geneva	
✓	P8	ANSI Standard HDSL2, "High Bit Rate Digital Subscriber Line--2nd Generation (HDSL2)", February 21-25, 2000, pgs 1-94, Maui, HI	

Examiner Signature	/Young Tse/	Date Considered	3/14/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] Unique citation designation number. [2] Applicant is to place a check mark here if English language Translation is attached.

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